Module Summary

MODULE TITLE: Children’s Neuroscience Nursing Care
MODULE CODE: NS486

Module summary
The module is designed to increase the registered nurse’s knowledge of the care requirements of children with neuro-medical/neurosurgical conditions in a variety of settings. This is a level 8 (Degree Level) 5 ECTS credit stand-alone module. The module is delivered in Temple Street Children’s University Hospital on 7 individual days spread over an 8 week semester, on the following dates: Feb 7th/8th/21st/22nd and March 14th/28th/29th 2018. 100% attendance is required on the Temple Street Children’s University Hospital contact days.

Who should attend
The module is designed to increase the theoretical knowledge base of registered nurses who care for children with neuro-medical/neurosurgical needs in both in the hospital and community settings. The theoretical and empirical knowledge that underpins the practice of neuroscience nursing will be explored and critical decision-making skills in the planning and delivery of care will be promoted. Candidates must be working in settings where they are likely to provide care to children with neuro-medical/neurosurgical conditions.

Topics to include
- Anatomy and physiology of the neurological system and its application to disordered function.
- Neuro-medical disorders including epilepsy, meningitis/encephalitis, cerebrovascular and neuromuscular conditions.
- Neurosurgical conditions including pre/post-operative neurosurgical care, brain tumours, cerebral aneurysms, traumatic brain injury and hydrocephalus.
- Investigations/treatment modalities of neuro-medical and neurosurgical conditions in children.
- Transitional and rehabilitation care.
- Pharmacological/non-pharmacological interventions.
- The contribution of the multi-disciplinary team in the care of Children and their families who have neuroscience related needs.
- Support/education/health promotion for the child and family.
Benefits to practitioners
This module aims to equip applicants with the requisite knowledge, skills, attributes and capabilities to meet the care needs of children with neuro-medical/neurosurgical conditions and their families in a variety of settings. The applicant will gain an understanding of normal neuro-anatomy and neurophysiology and its application to disordered function. The applicant will demonstrate the ability to assess, plan, implement and evaluate evidence-based holistic, family centred nursing care of the child with a neuro-medical/neurosurgical condition. The module will explore the neuro-medical, neurosurgical and pharmacological interventions available to support the child with altered neurological function, and evaluate the contribution of the multi-disciplinary team in the care of children and their families who have neuroscience care needs.

Module assessment
The module is assessed through preparation and delivery of a poster presentation (70%), and completion of a Multiple Choice Questionnaire in class (MCQ) (30%). A basic working knowledge of and access to a computer while undertaking the module is expected.

Cost of module
The cost is €350.

Deadline for applications
Completed applications including your CV, one passport photo and a copy of your nursing registration (if you are a registered nurse) should be submitted to the Faculty of Science & Health, Dublin City University by 5.00 p.m., Friday 1st December 2017.

For an application form please contact:
The Faculty of Science and Health, Dublin City University, Dublin DO9 Y5NO, T: 01 700 8975, E: science@dcu.ie

For further information on the module please contact:
Dr Therese Leufer:
E: therese.leufer@dcu.ie, T: 01 7008533

Ms Michelle Doyle (Neurosurgical Nurse Co-ordinator)
E: michelle.doyle@cuh.ie, T: 01 8784200 (Bleep 738)

Ms Sue Crowley (Registered Advanced Nurse Practitioner (Children's Epilepsy))
E: suzanne.crowley@cuh.ie, T: 01 8784200 (Bleep 700)